prodigy™

simple + affordable

CRESTRON

Welcome Home

Prodigy by Crestron, the most respected and trusted name in home automation, is control without compromise. Installed in more homes worldwide than all other brands combined, Crestron is the global standard in luxury homes. Backed by Crestron quality, expertise and support, Prodigy provides the power and scalability you'd expect at a price you can afford. Now every house can be a Crestron home with Prodigy.

Prodigy offers affordable, simplified control of your home and entertainment from any room in your house or any place on the planet. Keep all your music, movies, lights, thermostats and security at your fingertips wherever you are and wherever you go. You are always in touch and in control with Prodigy. Make your home the perfect sanctuary where you can escape everyday stress. Just a simple tap of your finger brings you serenity, comfort, convenience and pleasure. Prodigy does all the thinking so you don't have to.

prodigy™

Simple to Install

Prodigy products are all specially designed to work together seamlessly, so there's no special wiring or expensive installation. Fast, reliable wireless solutions mean that any home system can be set up quickly and easily, saving time and money.

Easy to Use

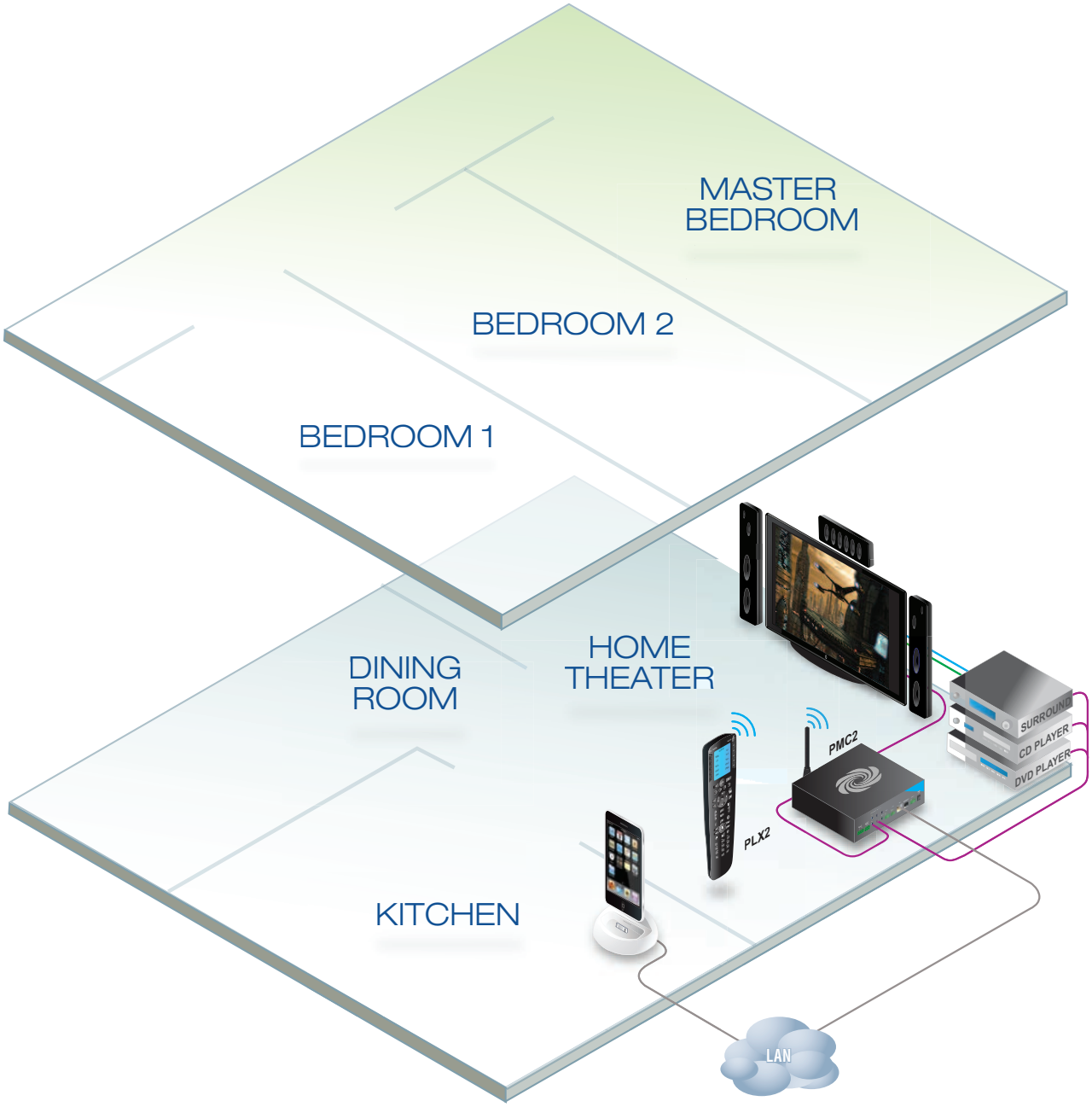
Prodigy intelligently manages home entertainment, lights and thermostats for you, so you just instinctively press a button and Prodigy serves up whatever you desire. Prodigy delivers modern home management and keeps you in control.

Affordable

Peace of mind, security and happiness are not luxuries reserved for the privileged. Prodigy provides the highest level of home entertainment, comfort and convenience for every family, every lifestyle and every budget. Built on a flexible, scalable platform, you can start with home theater today; distribute music throughout the house tomorrow, then add lighting and climate control—even remote control from laptops and mobile devices.

Prodigy is so smart it will even save money after it's installed. Conserve energy and reduce costs without compromising comfort. Dim lights or turn them off automatically when the room is vacant. Install multiple thermostats to create smaller zones for heating and cooling, and create temperature setpoints for simple, effective environmental control. Prodigy intelligently manages lighting and temperature in the house to shrink your carbon footprint and your electric bill.

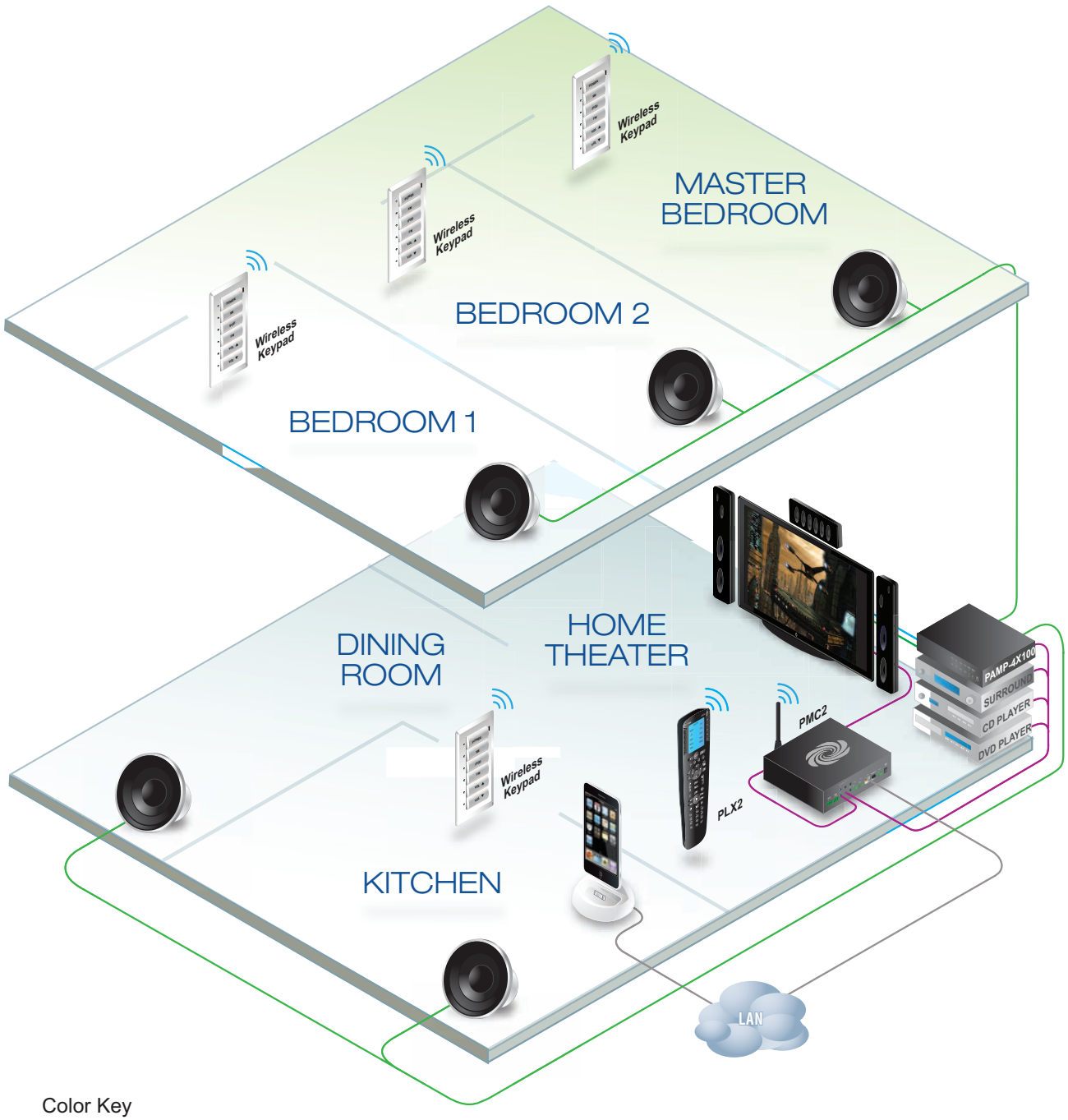
Simple Wireless Home Theater...



Color Key

- Control
- Video
- Audio
- LAN
- Cresnet

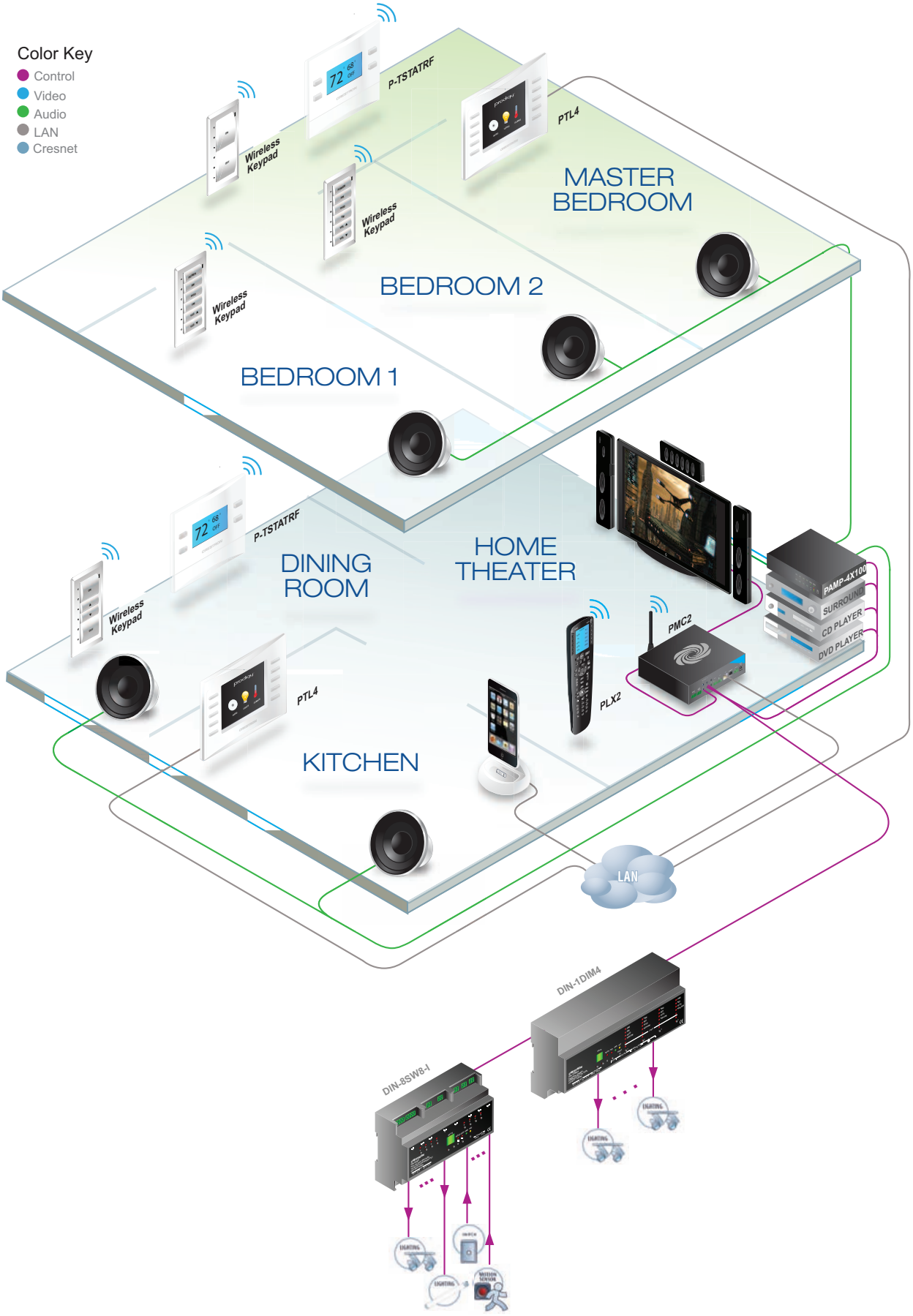
add Whole House Audio...



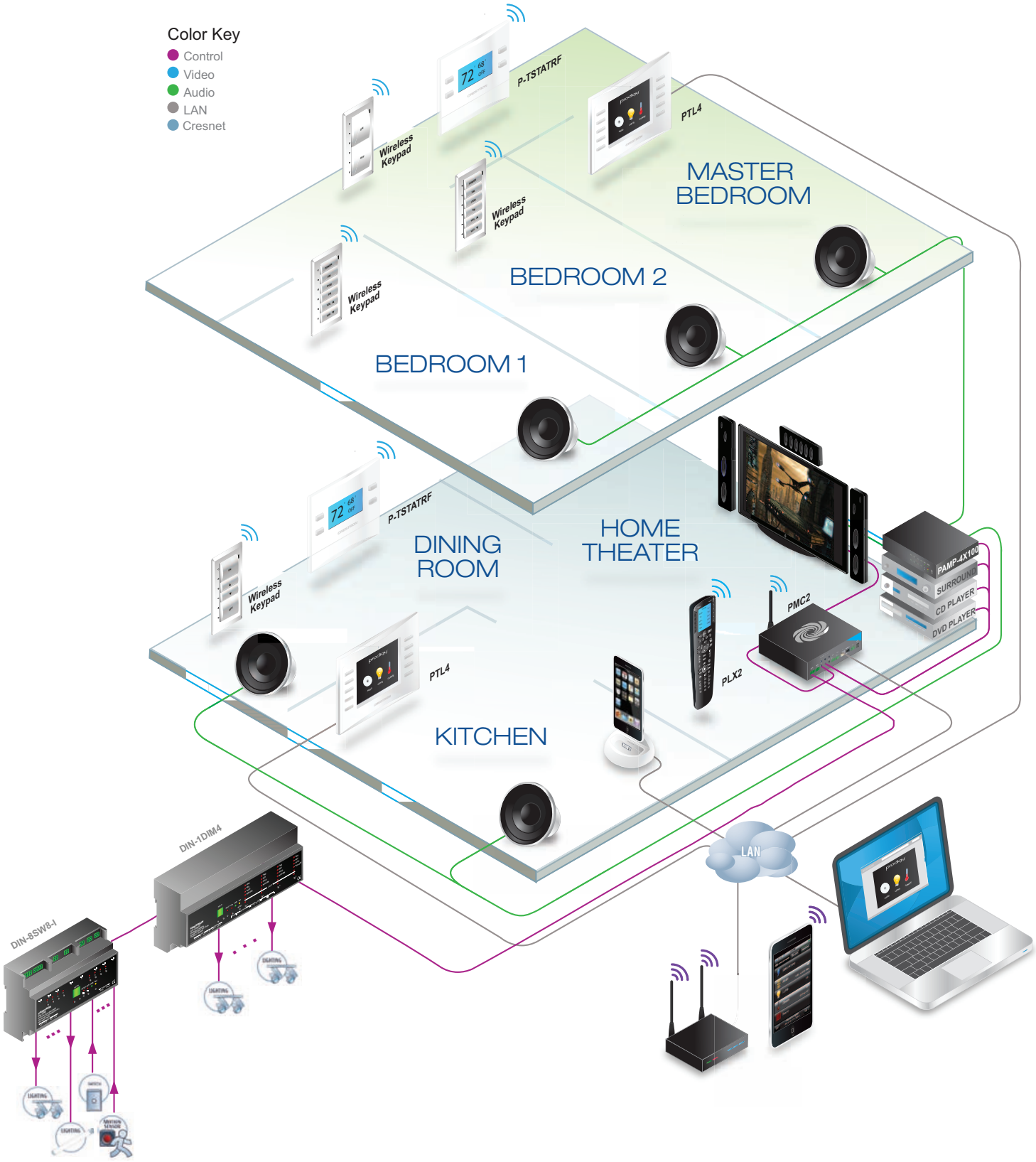
Color Key

- Control
- Video
- Audio
- LAN
- Cresnet

Lighting and Wireless Climate Control...



and Remote Control from Web Devices

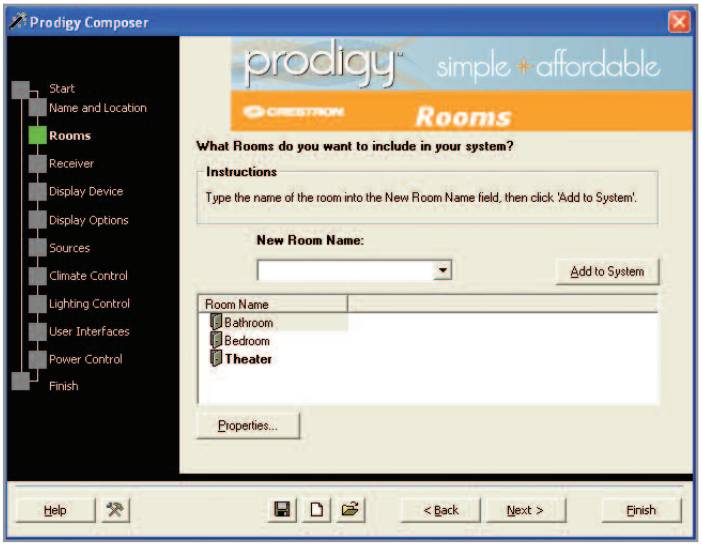


Prodigy Composer Setup Wizard

Prodigy is easy to set up. There's no system design or expensive installation. The software guides you through a few simple steps using basic drop down menus and check boxes.

It's as easy as **1-2-3.**

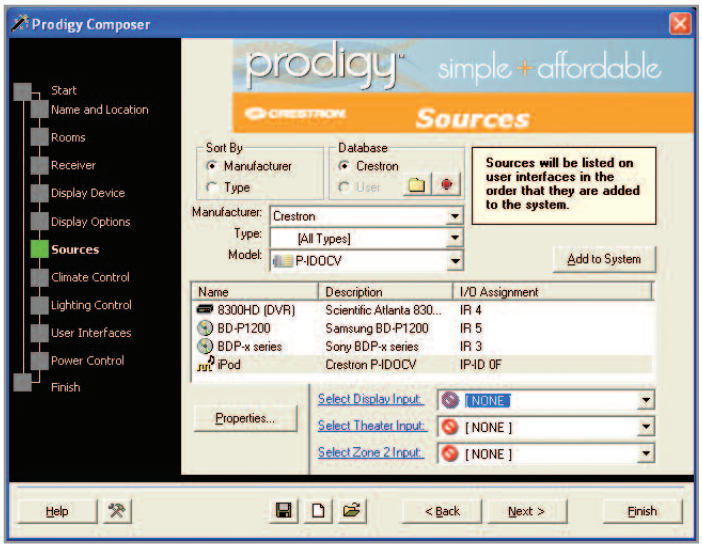
step 1

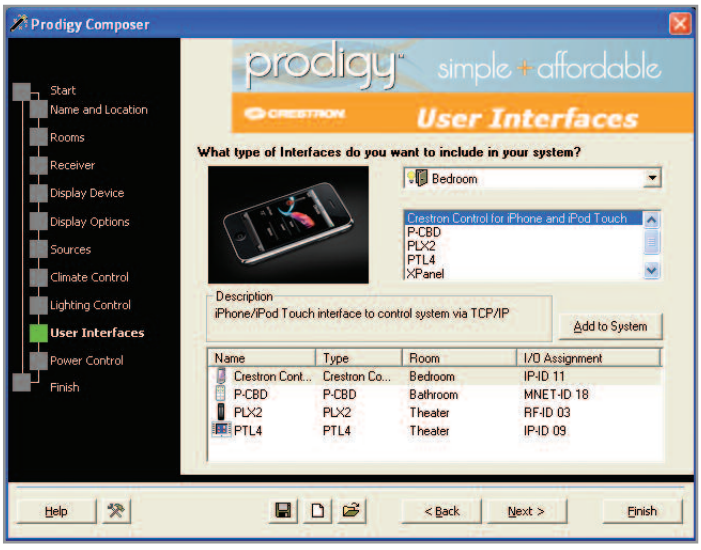


select rooms

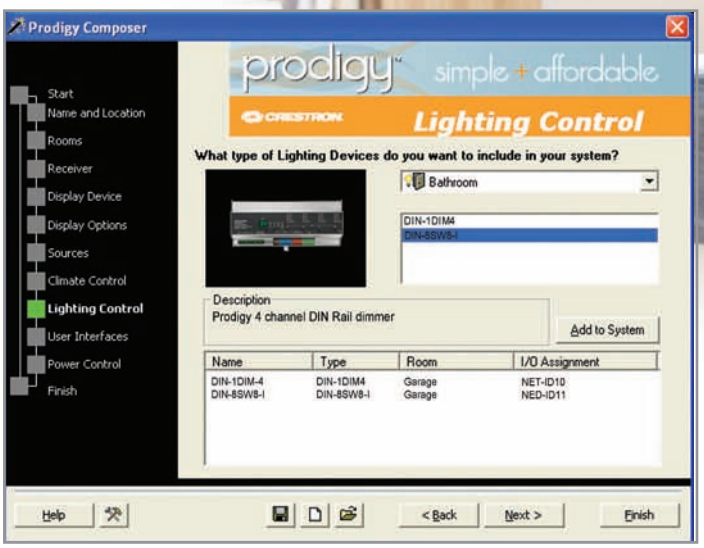
step 2

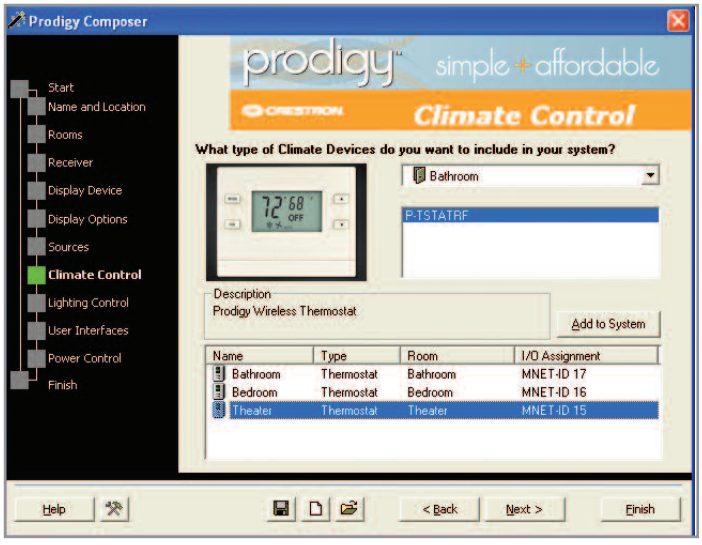
choose sources + controllers





step 3 enjoy!





That's it–you're done.

You can even add lighting and climate control if you want.

Prodigy Composer provides all the logic and creates touchscreen interfaces automatically in the background. The wizard is intuitive, so anyone can get a system up and running in minutes without any training.

PMC2 Prodigy Media Controller

- Supports touchpanels, remotes, keypads, thermostats, dimmers and switches
- Supports Web-based control from PCs, laptops and mobile devices
- Simple configuration with Prodigy Composer software

PTL4 Prodigy In-Wall Touchpanel

- Simple control of home entertainment, lights and thermostats throughout the house
- Easy installation via standard Ethernet connection
- Built-in design templates provided

PTX3 Prodigy Handheld Touchpanel

- 2.8" active-matrix touchscreen
- Ergonomic design provides easy control for any member of the family
- 27 individual pushbuttons provide intuitive, tactile control
- Up to six PTX3s can be used with the PMC2 at distances up to 50 feet away

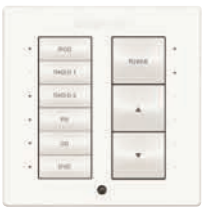
DIN-8SW8-I DIN Rail High-Voltage Switch with digital inputs

- Switching of non-dimable lighting
- DIN Rail mounting
- Fast and easy setup
- Digital inputs for integration of switches, motion sensors, ...

DIN-1DIM4 DIN Rail 4 Channel Dimmer

- 4 channels of dimming
- DIN Rail mounting
- Fast and easy setup
- Extreme stability, even in noisy environments

P-CBI Prodigy 2-Way Wireless Lighting Keypad



- Low cost room controller
- Simple wireless installation in a standard 1-gang box
- Automatic discovery for fast, easy setup
- Built on the fastest, most reliable Crestron communications network

P-IDOCV Prodigy Interface for Apple® iPod®

- Watch videos and listen to music throughout the home from up to two iPods
- View cover art; select titles, artists and albums – even scroll through playlists right from remotes and touchpanels, iPhone® and iPod touch®
- Automatically syncs with iTunes® without undocking

PT-AMFMXM Prodigy AM, FM, XM Tuner*

- Select audio in any room in the house from built-in AM/FM/XM tuners
- Select channel presets from keypads and view station and song information from remotes and touchpanels, iPhone and iPod touch

(*) XM satellite radio not available outside USA

PAMP-4X100 Prodigy Multi-Zone Amplifier

- Provides high quality stereo audio to multiple rooms and home theater
- Six audio sources to four rooms at 50 watts per channel
- Expandable up to 12 rooms
- Adjust levels and select sources from front panel, remotes, touchpanels and keypads

P-TSTATRF Prodigy 2-Way Wireless Thermostat

- Controls baseboard, forced air and heat pump HVAC systems
- Adjust setpoints from thermostat, remotes and touchpanels
- Connect up to three thermostats
- Simple wireless installation in a standard 1-gang box
- Automatic discovery for fast, easy setup
- Built on the fastest, most reliable Crestron communications network

P-MNETGW Prodigy Wireless Gateway

- Supports keypads and thermostats
- Up to 150' range indoors
- Automatic discovery for fast, easy setup
- Wi-Fi friendly channel assignment

PMC2 Prodigy™ Media Controller

The Prodigy PMC2 is a powerful and cost-effective control processor, designed by Crestron to provide a very easy solution for controlling a complete home theater system and enabling sophisticated home automation capabilities. Watch movies, listen to music, adjust lights and thermostats: the PMC2 integrates the controls and equipment together, providing intuitive features that make the system easy to use and enjoy every day.

Control at Home or Away

Crestron pioneered the world's first Ethernet control system, and Prodigy takes full advantage of that expertise to deliver remote control, monitoring, and programming over the home LAN, the Internet—even a cellular phone network!

- From any Web browser, or using the Apple® iPhone® or iPod touch®, Prodigy lets you turn off the kitchen lights from your office desktop, check the security system or temperature from your favorite café, and receive an email alert when the kids get home from school
- Connect multiple touchpanels and remotes for convenient in-house control

Quick Install

Whole house automation can be easily enabled without having to run new control wire.

- With the simple connection of a Prodigy Wireless Gateway, the PMC2 can support numerous remotes, dimmers, switches and thermostats
- Other home automation features such as interfacing to a security system can be managed right through the home LAN

Fast, Easy Setup

Setting up a Prodigy system is incredibly fast and easy using Prodigy Composer software.

- Without any special knowledge, a fully functioning home theater with whole house lighting and climate control can be configured in mere minutes
- Prodigy third-party device drivers are impeccably written and tested to ensure a problem-free user experience without any tweaking
- Prodigy Composer makes it easy to customize functionality and personalize touchpanels through intuitive drag-and-drop programming

Beyond the Universal Remote

Prodigy Handheld Remote (included) provide a stylish device for controlling the entire home theater and automation system.

- Dynamic menus and scrolling lists of channels, media titles, radio stations, source selection, room lighting and temperature appear right on the remote
- Up to six remotes can be used with the PMC2 at distances of up to 100' away, even through walls; add P-RFEXPs to extend range

The Elegant Touch Made Affordable

Prodigy touchpanels provide the ultimate in customizable touchscreen control for the home theater and entire house at a remarkably affordable cost.

- Complete control over lighting, security, audio, temperature and other functions, all through a single compact device that fits in the space of a light switch

A Control Solution for Every Budget

Now the innovation, flexibility and reliability of Crestron automation is available in an economical package.

- Replace a table full of remotes with one integrated package
- Control lights, temperature, media and more

SPECIFICATIONS

Wireless

RF Transceiver: 2-way RF, 2.4 GHz ISM channels 11-26 (2400 to 2483.5 MHz), default channel 15; IEEE 802.15.4 compliant

Range (typical): 100' indoor, subject to site-specific conditions

RF Transmit Power: 3.84mW

Ethernet

10BaseT/100BaseTX, auto-negotiating, full/half duplex, static IP or DHCP/DNS, SSL, TCP/IP, CIP, SMTP, built-in e-Control® Web server and email client

Connectors

Relay 1-2: Detachable terminal block with (2) relay control outputs for screen, lift, shades, fireplace, etc.

Rated 1 Amp, 30 Volts AC/DC

MOV arc suppression across contacts

Input 1 - 2: Detachable terminal block with (2) digital or analog control inputs for sensing logic signals, contact closures, occupancy sensors or photocells:

Digital Logic Threshold: 1.25 Volts DC

Analog Input Range: 0-10 Volts DC

Rated 0-24 Volts DC

IR 1 - 5: (5) Mini phone jack IR/serial control outputs for STIRP IR Emitter probes (included): IR frequency: up to 1.2 MHz; 1-way TTL/RS-232 (0-5 Volts) up to 115.2k baud

IR IN: (Future)

COM 1 - 2: (2) Detachable terminal block bidirectional RS-232 control ports

Supports up to 115.2k baud with software handshaking

LAN: RJ45 10BaseT/100BaseTX Ethernet port

Green LED indicates link status

Yellow LED indicates Ethernet activity

Computer: USB Type B computer console port (cable included)

Connects to computer for setup and programming

NET: Detachable terminal block (communications port) for external RF gateway

24VDC 0.7A: DC power input for PW-2407W power supply (included)

Antenna (front): Connection for supplied antenna (included)

Control and Indicators

PWR: Green power LED indicates operating power supplied from external power pack

HW-R: Hardware reset button reboots the system

SW-R: Software reset button restarts the program

ACQUIRE: Pushbutton with red LED for setting up wireless connections

ACTIVITY: Red LED indicates wireless communications

Power Requirements

PMC2: 18 Watts (0.75 Amps) @ 24 Volts DC from PW-2407W power supply (included)

PW-2407W (included): 100-240 Volts AC, 50/60 Hz

Environmental

Temperature: 41° to 113°F (5° to 45°C)

Humidity: 10% to 90% RH (non-condensing)

Dimensions

Height: 2.04 in (5.17 cm)

Width: 8.00 in (20.32 cm)

Depth: 6.65 in (16.87 cm) including antenna

Weight

31.54 oz (0.89 kg)

Included Accessories

PLX2 : Wireless Handheld Remote

PW-2407W: Power Pack

STIRP: (5) IR Emitter Probes

Prodigy System Compatibility Chart *

Model	System Maximum
PLX2	6
PTX3	6
PTL4	6
DIN-8SW8-I	2
DIN-1DIM4	4
P-MNETGW	1**
P-IDOCV	2
PAMP-4X100	3
P-CBI	12
PT-AMFMXM	2
P-TSTATRF	3

* Only compatible Prodigy equipment is supported on the Prodigy control network

** Maximum of 30 wireless devices can be connected to a P-MNETGW wireless gateway

PTL4 Prodigy™ In-Wall Touchpanel

The Prodigy PTL4 is a compact yet powerful in-wall touchpanel providing dramatic, custom control on a 3.6" screen. With the PTL4, control and information is available at the touch of an icon or hard button; by combining the power of Crestron Synapse™ image rendering and the Crestron Isys™ touchpanel engine, a truly interactive control system is at your command.

Achieve dramatic and easy-to-use custom interfaces using Prodigy Composer for complete home control at the touch of a button. Control lighting levels, temperature, tuner, audio distribution, iPods and more from a single interface.

Appealing Interfaces

Powerful yet simple programming tools enable the creation of dramatic and intuitive interfaces.

- 3D effects
- Full motion animation
- PNG translucency
- Advanced anti-aliasing

Versatile Control

With the PTL4 control is more than simple on/off. The power of 2-way communications provides for a truly interactive interface.

- Real time control and feedback from lighting and thermostats
- View iPod playlist and album art directly on screen
- Select AV sources and control room volume settings

A Control Solution for Every Budget

Start with one touchpanel and add on as needs and budget allow.

- Connect up to six PTL4 touchpanels throughout the house
- Simple installation via an Ethernet connection
- Control one or many rooms from a single interface

SPECIFICATIONS

Touchscreen Display

Display Type: TFT active matrix color LCD
Size: 3.6 inch (9.1 cm) diagonal
Aspect Ratio: 4:3 QVGA
Resolution: 320 x 240 pixels
Brightness: 300 nits (cd/m2)
Contrast: 300:1
Color Depth: 16-bit, 64k colors
Illumination: Edgelit LED
Viewing Angle: ±80° horizontal, +80°/-50° vertical
Touchscreen: Resistive membrane

Buttons

Functions (10) translucent white backlit pushbuttons, programmable
Reset (1) miniature pushbutton behind faceplate, used to reset touchpanel

Processor

CPU: 32-bit Freescale ColdFire® Microprocessor

Memory

DRAM: 16 MB
Flash: 8 MB
Maximum Project Size: 7 MB

Graphics Engine

Isys™ engine; 16-bit non-palette graphics; 65,536 colors; Crestron Synapse™ image rendering algorithm, multi-mode objects, dynamic graphics, PNG translucency, full-motion (60 fps) animation

Ethernet

10BaseT/100BaseTX, auto-switching, auto-negotiating, auto-discovery, full/half duplex, TCP/IP, CIP, DHCP, IEEE 802.3U compliant

Audio

Hardware Features: Built-in amplified speaker (rear), internal volume control
Audio Feedback (WAV): 8-bit PCM, mono, 8 kHz sampling rate
Amplification: 1 Watt for built-in speaker

Connections

NET: (1) 4-pin 3.5mm detachable terminal block, for local power only
LAN: (1) 8-wire RJ45 with 2 LED indicators;10/100BaseT Ethernet port; Green LED indicates link status; Yellow LED indicates Ethernet activity

Power Requirements

Power Usage: 5 Watts (0.21 Amp @ 24 Volts DC)
PW-2407W (included): 100-240 Volts AC, 50/60 Hz

Environmental

Temperature: 32° to 104°F (0° to 40°C)
Humidity: 10% to 90% RH (non-condensing) enclosure

Enclosure

Construction: Injection-molded plastic, flush-mountable using clips provided (additional mounting kits available)
Faceplate: Injection-molded plastic

Dimensions

Height: 4.54 in (11.52 cm)
Width: 6.19 in (15.73 cm)
Depth: 2.13 in (5.40 cm)

Weight

15.0 oz (0.43 kg)

Included Accessories

PW-2407W: Power Supply

Available Accessories

BB-4L: Pre-Construction Wall Mount Back Box
PMK-4L: Pre-Construction Wall Mount Kit
TMK-4L: Trim Ring
MMK-4L: Mud Ring
WMKT-4L: Lectern or Post-Construction Wall Mount Kit with Trim Ring
WMKM-4L: Post-Construction Wall Mount Kit with Mud Ring
WMKB-4L: Replacement Wall Mount Clips

PTX3 Prodigy™ Handheld Touchpanel

The Prodigy PTX3 is a versatile, cost effective home theater remote control. This state of the art handheld 2-way controller includes a 2.8" active-matrix touchscreen capable of displaying stunning graphics and dynamic text with true feedback.

The ergonomic layout of pushbuttons provides intuitive, tactile control for hands and fingers of all sizes. Its compact size and design offer easy one-handed operation, while its 802.15.4 wireless technology affords reliable communications over everything from home theater to whole house automation as part of a complete Prodigy system.

The touchscreen provides graphic display and control of lighting levels, temperature, tuner RDS information, amplifier and security system status – even your iPod playlists – all from a single handheld remote.

A Touchscreen in Your Hand

The PTX3 touchscreen supports the creation of engaging interface pages, custom menu functions and interactive control.

- Menus and lists of channels, media titles, radio stations, source selection and even room lighting and temperature appear right on the remote
- Supports Synapse™ technology for stunning graphics and dynamic control interfaces
- Use Prodigy Composer templates or create personalized interfaces

Versatile Control

The PTX3 Prodigy Handheld Remote provides a single stylish device for controlling the entire home theater and automation system.

- Single press turns on your system and triggers presets
- Ergonomic design delivers easy control for any member of the family
- 27 individual pushbuttons provide intuitive, tactile control
- Up to six PTX3s can be used with the PMC2 at distances up to 50 feet away - even through walls

A Control Solution for Every Budget

Now the innovation, flexibility and reliability of Crestron automation are available in an economical package.

- Elegant, ergonomic handheld design
- The functionality of a larger touchscreen at a fraction of the cost
- Once connected to the PMC2 controller, the PTX3 can replace every remote in the house
- Range can be increased by adding P-RFEXP wireless expander

SPECIFICATIONS

Touchscreen Display

Display Type: Transflective TFT active matrix color LCD

Size: 2.8 inch (7.2 cm) diagonal

Aspect Ratio: 3:4 QVGA (portrait orientation)

Resolution: 240 x 320 pixels

Brightness: 350 nits (cd/m²) typical

Contrast: 500:1 typical

Color Depth: 16-bit, 64k colors

Illumination: LED backlit

Viewing Angle: ±75° horizontal, +75/-55° vertical

Touchscreen: Resistive membrane

Buttons and Indicators

Power (top): (1) programmable pushbutton, performs hardware reset if held for >10 seconds

Hard Keys: (3) programmable pushbuttons below touchscreen

Functions: (15) programmable pushbuttons with white EL backlit labeling for GUIDE, HOME, LIST, MUTE, INFO, LAST, MENU, KEYPAD, EXIT, and icons for Rewind, Play, Forward, Stop, Pause, Record

Volume: (1) programmable rocker button with white EL backlit Volume 'Raise' and 'Lower' icons

Navigation Pad: (5) programmable pushbuttons comprising a 5-way thumbpad (4-way navigation plus "enter")

Up/Down: (1) programmable rocker button with white EL backlit 'Up' and 'Down' arrows

More (right side): (1) programmable thumb-operated side button

Charge: (1) Green LED, indicates charging status when docked

Memory

SDRAM: 128 MB

Flash: 256 MB

Maximum Project Size: 24 MB

Operating System

Microsoft® Windows® CE 6.0

Graphic Engine

Isys i/O® engine, 16-bit non-palette graphics; 65,536 colors; Synapse™ image rendering algorithm; multi-mode objects; dynamic graphics and text; PNG translucency; full-motion (60 fps) animation; transition effects

RF Wireless

RF Transceiver: 2-way RF, 2.4 GHz ISM channels 11-26 (2400 to2483.5 MHz), default channel 15; IEEE 802.15.4

Range: 50 feet (15 m), subject to environmental conditions, range can be increased by adding P-RFEXP wireless expander

Gateway: Requires PMC2

Tilt Sensor

Wakes touchpanel within 0.5 second when unit's physical orientation is moved from horizontal to vertical

Connectors

USB (bottom): (1) Mini Type AB female behind battery cover; USB 1.1 computer console port, cable included

Battery

Battery Type: Lithium Polymer, 3.7 Volt, 1000 mAh (included)

Usage per Charge: 5 hours continuous at full brightness

Charging Time: 2 hours

Cycle Life: >300 cycles (80% capacity)

Power Requirements

PTX3-DS Docking Station/Charger (included): 1.5 Amps @ 12 Volts DC

PW-1215WU Power Supply (included): 0.6 Amp @ 100-240 Volts AC, 60Hz

Environmental

Temperature: 32° to 104°F (0° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Heat Dissipation: 5 BTU/Hr

Enclosure

Construction: Injection-molded plastic, integral docking station port

Dimensions

Height: 1.04 in (2.63 cm)

Width: 2.55 in (6.48 cm)

Depth: 7.94 in (20.17 cm)

Weight

6.5 oz (.18 kg) including battery

Included Accessories

PTX3-DS: Docking Station/Charger

PTX3-BTP: Internal Battery Pack

PW-1215WU: 12 Volt Power Pack, 1.5A

Available Accessories

P-RFEXP: Wireless Expander

DIN-8SW8-I DIN Rail High Voltage Switch with Digital Inputs

The DIN-8SW8-I is an 8-channel lighting control module designed to support switching of non-dimmable lighting and fans.
Each channel handles incandescent loads up to 16 Amps and fluorescent loads up to 5 Amps. Additionally the DIN-8SW8-I provides 8 digital input ports for interfacing with sensors and switch buttons.

Override Input

An override input is provided to allow an external contact closure to momentarily override the control system program and set each channel output to its override preset state. States can be set and saved locally from the front panel, or remotely via software.

DIN Rail Installation

The DIN-8SW8-I is designed to snap onto a standard DIN rail for installation in a wall mount enclosure. Wiring connections are made using screw terminals positioned along the top and bottom, clearly accessible from the front for easy installation and servicing. All setup controls and indicators are positioned on the center front panel. When installed in an enclosure utilizing 45 mm cutouts, the DIN-8SW8's front panel stays accessible while the connections are concealed.

A Control Solution for Every Budget

Now the innovation, flexibility and reliability of Crestron automation is available in an economical package.

- Control lights from switch or other Prodigy interfaces
- Rugged and reliable operation
- Expand to 16 channels and 16 digital inputs in your Prodigy System

SPECIFICATIONS

Load Ratings

Switch Channels: 8

Maximum Per Channel: 10 Amps incandescent, 5 Amps fluorescent, 0.5 HP @ 120 to 240 Volts AC, 50/60 Hz; 5 Amps @ 30 Volts DC; 16 Amps Resistive

Module Total: 80 Amps incandescent, 40 Amps fluorescent @ 120 to 240 Volts AC, 50/60 Hz

Load Types*: Incandescent, Magnetic Low-voltage, Electronic Low-Voltage, Neon/Cold Cathode, Fluorescent, Motors

Inputs: Isolated low-voltage inputs; able to detect voltage between 12-24 VAC/DC

Power Requirements

Cresnet Power Usage 5.4 Watts (0.23 Amps @ 24 Volts DC)

Controls & Indicators

1 – 8: (8) Red LEDs and (8) miniature pushbuttons for status indication and local control of each channel

NET ID: (2) 7-Segment green LED digits and (2) miniature pushbuttons for setting Cresnet ID

SETUP: (1) Red LED and (1) recessed miniature pushbutton for enabling setup mode and touch-settable ID

OVR: (1) Red LED and (1) miniature pushbutton for enabling override mode and saving override presets

PWR: (1) Green LED, illuminates when DC power is applied to the NET port

NET: (1) Yellow LED, indicates communication with the control processor

RESET: (1) Recessed miniature pushbutton, resets internal processor

Connectors

1 – 8: (8) sets of (2) captive screw terminals; Isolated Class 1 SPST relay switch circuits 1 – 8; Relay Rating: 10 Amps incandescent, 5 Amps fluorescent, 16 Amps resistive, 0.5 HP @ 240 Volts AC (per channel); Maximum Wire Size: 12 AWG (2.5 mm²)
Inputs 1-8: 9-pin 3,5 mm detachable terminal block comprising (8) isolated inputs.

NET: (2) 4-pin 3.5mm detachable terminal blocks, paralleled;Cresnet slave port

OVERRIDE: (2) 2-pin 3.5mm detachable terminal blocks, paralleled; Sensing input for external low-voltage contact closure; Activates override mode when a closure is present; Minimum Closure Rating: 10mA (per module) at 24 Volts

Environmental

Temperature: 32° to 104°F (0° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Heat Dissipation: 18BTU/hr

Enclosure

Light gray polycarbonate housing with polycarbonate label overlay, UL94 V-0 rated, 35mm DIN EN 60715 rail mount, DIN 43880 form factor for enclosures with 45mm front panel cutout, occupies 9 DIN module spaces (162mm)

Dimensions

Height: 3.71 in (9.42 cm)

Width: 6.26 in (15.90 cm)

Depth: 2.35 in (5.95 cm)

Weight

13.1 oz (369 g)

Required

DIN-PWS50: DIN Rail 50 Watt Cresnet Power Supply (**)

- 50 Watt Cresnet power supply module
- Powers Cresnet devices
- Includes 3 Cresnet power ports

(*) May not be compatible with some high inrush current loads.

(**) Only one DIN-PWS50 per Prodigy System required

DIN-1DIM4 DIN Rail 4 channel dimmer

The DIN-1DIMU4 is a 4-channel lighting control module designed to support dimming of reverse phase type loads. A single model supports magnetic low-voltage, incandescent, neon/cold cathode and 2-wire dimmable fluorescent, loads up to 5 Amps per channel, 10 Amps total.

Phase-Synchronous Detection Circuitry

Crestron's proprietary zero cross filter technology provides superior immunity to noise on the power line, reducing lamp flicker and compensating for fluctuations in line voltage and frequency.

Short Circuit Protection

Built-in OCP (over current protection) prevents failure of the DIN-1DIM4 caused by excessive loading or improper wiring of the outputs.

Master Air-Gap Relay

When all four channels are turned fully off, the internal master relay automatically opens providing air-gap isolation to allow safe servicing and changing of light bulbs on all four controlled circuits.

Override Input

An override input is provided to allow an external contact closure to momentarily override the control system program and set each channel output to its override preset level. Levels can be adjusted and saved locally from the front panel, or remotely via software.

DIN Rail Installation

The DIN-1DIMU4 is designed to snap onto a standard DIN rail for installation in a wall mount enclosure. Wiring connections are made using screw terminals positioned along the bottom, clearly accessible from the front for easy installation and servicing. All setup controls and indicators are positioned on the center front panel. When installed in an enclosure utilizing 45 mm cutouts, the DIN-1DIM4's front panel stays accessible while the connections are concealed.

A Control Solution for Every Budget

Now the innovation, flexibility and reliability of Crestron automation is available in an economical package.

- Control lights from dimmer or other Prodigy interface
- Rugged and reliable operation
- Expand to 16 dimmed lighting channels (4 x DIN-1DIM4)

SPECIFICATIONS

Load Ratings

Switch Channels: 4

Maximum Per Channel: 5 Amps @ 120 to 240 Volts AC, 50/60 Hz; 600 Watts @ 120 Volts AC; 1150 Watts @ 230 Volts AC; 1200 Watts @ 240 Volts AC

Module Total: 10 Amps @ 120 to 240 Volts AC, 50/60 Hz;1200 Watts @ 120 Volts AC; 2300 Watts @ 230 Volts AC; 2400 Watts @ 240 Volts AC

Load Types: Forward Phase (leading edge), Incandescent, Neon/Cold Cathode, Magnetic Low Voltage, Dimmable 2 Wire Fluorescent

Input Voltage

Line Power120 to 240 Volts AC, 50/60 Hz

Power Requirements

Cresnet Power Usage 0.6 Watts (0.03 Amps @ 24 Volts DC) when line power is not available

Controls & Indicators

NET ID: (2) 7-Segment green LED digits and (2) miniature pushbuttons for setting Cresnet ID; digits also display output levels and protection/error codes

SETUP: (1) Red LED and (1) recessed miniature pushbutton for enabling setup mode and touch-settable ID

OVR: (1) Red LED and (1) miniature pushbutton for enabling override mode and saving override presets

PWR: (1) Green LED, normally indicates AC line power is connected to either LIVE terminal, blinks when only powered by Cresnet

NET: (1) Yellow LED, indicates communication with the control processor

RESET: (1) Recessed miniature pushbutton, resets internal processor

FWD 1 – 4: (4) Red LEDs, illuminate when a corresponding channel is operating in forward-phase mode

REV 1 – 4: (4) Red LEDs, illuminate when a corresponding channel is operating in reverse-phase mode

NON-DIM 1 – 4: (4) Red LEDs, illuminate when a corresponding channel is operating in non-dim mode

Channel Mode Select 1 – 4: (4) Recessed miniature pushbuttons, used to select each channel's operating mode

LOADS 1 – 4: (4) Red LEDs and (4) miniature pushbuttons for status indication and local control of each channel

Connectors

NET: (2) 4-pin 3.5mm detachable terminal blocks, paralleled; Cresnet slave port

OVERRIDE: (2) 2-pin 3.5mm detachable terminal blocks, paralleled; Sensing input for external low-voltage contact closure; Activates override mode when a closure is present; Minimum Closure Rating: 10mA (per module) at 24 Volts

LIVE: (2) Captive screw terminals†, brown; Line power input

NEUTRAL: (5) Captive screw terminals†, blue

DIMMED LIVE 1 – 4: (4) Captive screw terminals†, red; Dimmer channel outputs 1 - 4

Ground: (5) Captive screw terminals†, green

Environmental

Temperature: 32° to 104°F (0° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Heat Dissipation: 60 BTU/hr @240 Volts with 2 channels at 5 Amps; 50 BTU/hr @ 120 Volts with 2 channels at 5 Amp

Enclosure

Aluminum with polycarbonate label overlay, 35mm DIN EN 60715 rail mount, DIN 43880 form factor for enclosures with 45mm front panel cutout, occupies 12 DIN module spaces (216mm)*

Dimensions

Height: 3.71 in (9.42 cm)

Width: 8.49 in (21.55 cm)

Depth: 2.35 in (5.95 cm)

Weight

2.1 lb (912 g)

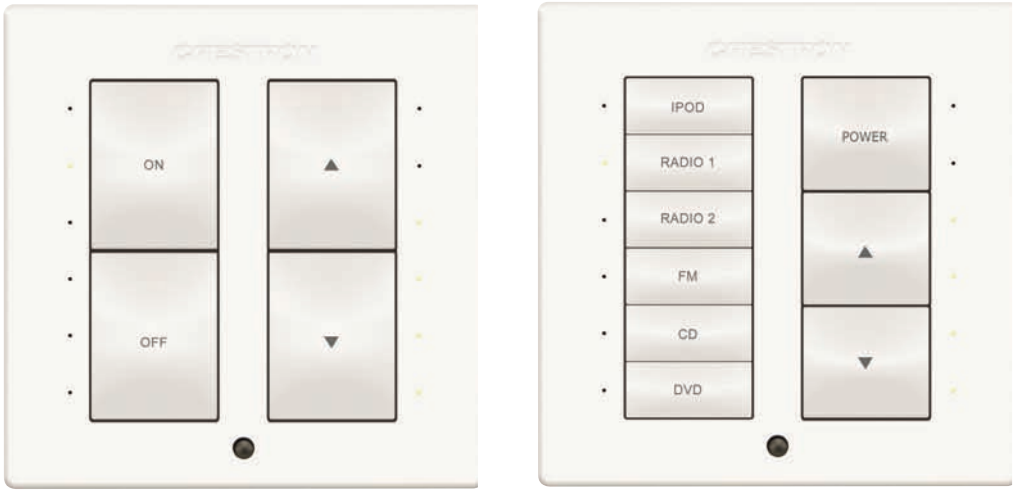
Required

DIN-PWS50: DIN Rail 50 Watt Cresnet Power Supply (**)

- 50 Watt Cresnet power supply module
- Powers Cresnet devices
- Includes 3 Cresnet power ports

(*) Unit dissipates significant heat when fully loaded and should be mounted in an enclosure that is sufficiently ventilated to maintain an ambient temperature not exceeding 104°F (40°C). Maintain 4 inches (10 cm) minimum spacing above and below for proper ventilation and heat dissipation, 6 inches (15 cm) spacing recommended.
(**) Only one DIN-PWS50 per Prodigy System required

P-CBI Prodigy™ Wireless Keypad



The Prodigy P-CBI is an elegant and robust in-wall keypad providing simple control of lighting. Mesh network technology of 802.15.4 affords reliable communications and load control without the need for additional wiring. Whether installed in retrofit or new construction, the P-CBI provides a low cost interface solution, bringing the benefits of automated control to any budget.

The P-CBI is configurable keypad, with a selection of pre-engraved buttons to fit your application needs.
Control one or many rooms from a single interface. With the bidirectional feedback of Prodigy remotes and touchpanels, lighting in any room is a touch away.

Intelligent Control

Intuitive operation enables easy access to presets or manual adjustments.

- Direct feedback to processor, remotes and touchpanels
- Robust and reliable wireless connectivity using 802.15.4 mesh networking technology

Quick Installation

The Prodigy line of products is designed for easy setup.

- Automatic addressing
- Mounts in standard 1-gang European electrical box
- No additional wires need to be run; simply install in gang box and you're done

Simple Interface

Single button operation.

- Intuitive functions
- Status LED provides feedback on operation
- Configurable as a two to twelve button keypad

A Control Solution for Every Budget

Now the innovation, flexibility and reliability of Crestron automation is available in an economical package.

- Rugged and reliable operation
- Expand to more rooms as budget allows

SPECIFICATIONS

Wireless

RF Transceiver: 2-way RF, 2.4 GHz ISM Channels 11-26 (2400 to 2483.6 MHz), IEEE 802.15.4 compliant

Range (typical): 45m indoor, 75m outdoor; Subject to site-specific conditions

RF Transmit Power: 10mW

Gateway: Requires a P-MNETGW gateway

Connections

HOT: (1) Captive screw terminal, line power input

NEUTRAL: (1) Captive screw terminal

GROUND: (1) Captive screw terminal

Buttons

Keypad Buttons: Configurable for 2 to 12 single-action pushbuttons

Button Events: Programmable for Normal, Tap, Double-Tap, and Hold

Backlight

White LED light pipe backlight; Software-adjustable intensity

LED Indicators

Feedback: (12) White LED light pipes, Programmable, adjustable intensity, 10 blinking patterns

Bargraph: (2) 6-segment bargraph display utilizing the 12 feedback LEDs

Power Requirements

230 Volts AC, 50/60Hz line power

Environmental

Temperature: 32° to 113°F (0° to 45°C)

Humidity: 10% to 90% RH (non-condensing)

Enclosure

Injection-molded plastic, 1-gang mountable in a 1-gang UK (BS4662) electrical box or 1-gang European (DIN 49073) electrical box

Dimensions

Height: 8.68 cm

Width: 8.68 cm

Depth: 4.16 cm

Available Accessories

P-MNETGW: Gateway/Transceiver

P-IDOCV Prodigy™ Interface for Apple® iPod®

The Prodigy P-IDOCV is a convenient and cost effective way to add an Apple® iPod®, iPhone® or iPod touch® to your existing system. Combine with a remote or touchpanel for simple, intuitive access of your music and videos. Play music, watch videos and sync your iPod to your Apple iTunes® library. Connect the P-IDOCV to the PAMP-4X100 and distribute music throughout the home.

Using Prodigy Composer software, create a full function touchpanel interface. Search by song, artist, album or genre and view album art and playlists directly on the screen. Add another P-IDOCV and expand your listening environments, giving your family the ability to access music to suit any mood.

Intelligent Control

Prodigy Composer provides a complete user interface.

- Artist, song and album information shows up right on screen of your remote or touchpanel
- Scrolling lists allow you to search in the same manner as you do on your iPod
- Access playlists

Quality Audio + Video Outputs

The P-IDOCV provides several outputs, allowing for quality audio and video output to a Prodigy distribution amplifier or third-party receiver.

- Audio – analog stereo
- Video – output composite, component (YPbPr)

A Control Solution for Every Budget

Now the innovation, flexibility and reliability of Crestron automation are available in an economical package.

- Supports up to two units
- Connect to your existing AV receiver or a Prodigy PAMP-4X100 distribution amp

SPECIFICATIONS

Device Support

iPod: For a complete list of supported products, refer to Crestron Online Help Answer ID 4837, or contact Crestron True Blue Support at www.crestron.com/true_blue_support

Computer Crestron Sync software is compatible with Mac OS X v1.5, Windows XP, and Windows Vista

Docking Station Connection

30-pin male connector on rear for connection of 6.5 ft (2 m) 30-pin M to 30-pin F cable (included), passes through to iPod mating connector in docking cradle

Docking Station Environmental

Temperature: 41° to 113°F (5° to 45 °C)

Humidity: 10% to 90% RH (non-condensing)

Docking Station Construction

High impact injection molded plastic with weighted metal bottom plate; accepts standard Apple dock adapters (not included)

Docking Station Dimensions

Height: 1.68 in (4.26 cm)

Width: 3.96 in (10.05 cm)

Depth: 3.70 in (9.40 cm)

Module Ethernet Connection

10BaseT/100BaseTX, static IP or DHCP, DNS, full duplex, auto-switching, auto-negotiating, auto-discovery, TCP/IP, CIP, IEEE 802.3u compliant

Module Connectors Rear Panel

Video Out: COMP (1) RCA female; Composite video output; Output Level: 1 Vp-p nominal; Output Impedance: 75 ohms nominal

Video Out: Y Pb Pr (3) RCA female; Component (YPbPr) video output; Output Level: 1 Vp-p nominal (Y), 0.7 Vp-p nominal (PbPr); Output Impedance: 75 ohms nominal

Audio Out: L – R (2) RCA female; Unbalanced stereo line-level audio output

Computer: (1) USB Type B female; USB 2.0 port

LAN: (1) 8-wire RJ45 with 2 LED indicators; 10BaseT/100BaseTX Ethernet port; Green LED indicates link status; Yellow LED indicates Ethernet activity

PWR: (1) 2-pin 3.5mm detachable terminal block; 24 Volt DC power input-G (1) 6-32 screw, chassis ground lug

Module Controls and LED Indicators

SYNC: (1) Yellow LED indicates when internal iPod is synced to iTunes

PWR: (1) Green LED indicates 24 Volts DC power supplied from network or external power supply

DEVICE: (1) Green LED indicates an iPod is installed and connected

SETUP: (rear) (1) Recessed miniature pushbutton and red LED for setting IP

Module Power Requirements

Power Usage: 8 Watts (0.34 Amps @ 24 Volts DC)

PW-2407W (included): 100-240 Volts AC, 50/60 Hz

Module Enclosure

Chassis: Aluminum, black matte powder coat finish

Faceplate: Extruded aluminum, black matte powder coat finish with polycarbonate label overlay

Module Environmental

Temperature: 41° to 113°F (5° to 45 °C)

Humidity: 10% to 90% RH (non-condensing)

Heat Dissipation: 27 BTU/Hr

Module Dimensions

Height: 2.04 in (5.17 cm)

Width: 8.00 in (20.32 cm)

Depth: 6.65 in (16.87 cm)

Module Weight

4.30 lb (1.95 kg)

Included Accessories

PW-2407W: Power Supply

Stereo Audio Cable: 6'

Component Video Cable: 6'

Available Accessories

Crestron Sync: Crestron Sync Software for iServer Sync to iTunes

For a complete list of supported products, refer to Crestron Online Help Answer ID 4837, or contact Crestron True Blue Support at www.crestron.com/true_blue_support.

PT-AMFMXM Prodigy™ AM, FM, XM Tuner*

The Prodigy PT-AMFMXM provides high quality radio with full control from Prodigy remotes and touchpanels, Apple® iPhone® or iPod Touch®. The PT-AMFMXM includes one AM/FM and one XM radio tuner, which can be individually tuned and distributed to any room in the house. The PT-AMFMXM is completely integrated with the Prodigy system, allowing for direct control from any panel, remote or keypad.

On the touchpanel, users can call up presets (personalized station lists and music genres) as well as view station and song data with a single touch. Combine with the PAMP-4X100 multi-zone amplifier and fill any room with music, news, comedy, traffic, weather and more. Entertainment and information is available at the touch of a button.

Versatile Radio

The PT-AMFMXM delivers endless possibilities.

- XM tuner provides access to over 150 channels of digital programming
- Tune radios individually
- Stereo audio for each output
- Digital SPDIF output with XM

Intuitive Control

- Choose AM/FM or XM and send to any room of the house
- Station presets provide instant access to any entertainment format desired
- Full program guide and RDS information is accessible from front panel, remote, touchpanel and iPhone or Web interface

Smart Design

- Quick and easy integration with Prodigy Composer – simple setup for access and customization
- Simple front panel control – select source, preset or station

A Control Solution for Every Budget

Quality whole home audio distribution and control is now available in an economical package.

- Complete radio package in one box
- Feature-rich controls without an exclusive price
- Connect to the PAMP-4X100 for whole home audio distribution

(*) XM satellite radio only available in USA

SPECIFICATIONS

XM Tuner

THD+N: <0.01% @1kHz

S/N Ratio: >97dB balanced, >95dB unbalanced, 20Hz-22kHz A-weighted

Crosstalk: >-90dB 20Hz-22kHz;

AM Tuner

Frequency Range: 530 to 1710 kHz (9 or 10 kHz steps)

Sensitivity: 3.5µV (RF input level 10dB S+N/N)

Selectivity: 10kHz

Alternate Channel Selectivity: 55dB

Image Rejection: 35dB

IF Rejection: 60dB

FM Tuner

Frequency Range: 87.50 to 108 MHz (50 or 100 kHz steps)

Usable Sensitivity: 11dBf mono; 60dBf stereo

S/N Ratio: 64dB @ 65dBf mono; 56dB @ 65dBf stereo

IF Rejection: 100dB

AM Rejection: 55dB

Stereo Separation: 27dB

Connections

XM Antenna: (1) F-Type coaxial antenna connector; Impedance: 50 ohms; Connects to indoor/outdoor high-gain antenna (included); Includes 20 foot cable

FM Antenna: (1) coaxial IEC 169-2

AM Antenna: (1) 2-pin Spring-loaded terminal

Audio Out Digital: (1) RCA female, SPDIF coaxial digital audio output (XM only)

Audio Out L/R: (2) RCA female, unbalanced stereo line-level audio output

NET: (1) 4-pin 3.5mm detachable terminal block; connects to Cresnet control network

GROUND: (1) 6-32 screw, chassis ground lug

Display

Green LED 7-segment digits; Displays signal source, signal strength, and channel

Button

Menu: (1) pushbutton, cycles through modes

Up/Down: (2) pushbuttons, adjust headphone volume, select channel, and select signal strength source (satellite or terrestrial repeater)

Enter:(1) pushbutton, selects mode

AM: (1) pushbutton, selects AM

FM: (1) pushbutton, selects FM

XM: (1) pushbutton, selects XM

DISP: (1) pushbutton, changes display to show additional information

Reset: (1) recessed miniature pushbutton

Power Requirements

Power Usage: 5 Watts (0.21 Amp @ 24 Volts DC)

PW-2407W (included): 100-240 Volts AC, 50/60 Hz

Enclosure

Chassis: Steel, black matte powder coat finish

Faceplate: Extruded aluminum, black matte powder coat finish with polycarbonate label overlay

Environmental

Temperature: 32° to 122°F (0° to 50°C)

Humidity: 10% to 90% RH (non-condensing)

Dimensions

Height: 2.04 in (5.17 cm)
Width: 8.00 in (20.32 cm)
Depth: 6.65 in (16.87 cm)

Weight

4.30 lb (1.95 kg)

Included Accessories

PW-2407W: Power Supply

PAMP-4X100 Prodigy™ Multi-Zone Amplifier

The Prodigy PAMP-4X100 provides high quality stereo audio to multiple rooms or home theater with full control from Prodigy remotes and touchpanels or Apple® iPhone®. The PAMP-4X100 includes six stereo inputs with loop-thru to additional PAMPs (up to two) for whole home coverage.

With the Prodigy multi-zone amplifier, any audio input can be routed to any room in the house with a simple touch of a button. Connect one or two P-IDOCVs, an audio server, cable box or PT-AMFMXM tuner and deliver just the right music to any room. Adding rooms to the system is as simple as connecting an additional PAMP to the master source unit.

Room control and source selection is available from the front panel or by using Prodigy Composer software to create a full function touchpanel interface that allows control of room routing, volume, content browsing, lighting and security.

Quality Sound Distribution

Each PAMP-4X100 provides four zones of full, room-filling audio.

- Treble, bass, balance and frequency boost
- Volume control and source selection for each room
- Send any of the six input sources to any of the output zones
- Connect up to 2 additional PAMPs for 12 zones of audio distribution

Flexible Setup + Control

- Four zones of stereo audio at 50 watts per channel
- Bridge outputs to feed higher power speakers
- Supports 4 ohm and 8 ohm loads
- Current overdraw and temperature protection
- View volume, room source, status and amplifier temp directly from remotes or touchpanels
- Crestron Toolbox™ support of setup and diagnostics

Smart Design

- Simple front panel control – select source, room and volume
- Pre-printed, pre-cut room labels make front panel room identification a snap

A Control Solution for Every Budget

Quality whole home audio distribution and control in an economical package.

- Start with four zones and add on as needs and budget allow
- Feature-rich controls without an exclusive price
- Network ports provide communication with PMC2, P-MNETGWs and PT-AMFMXM units

SPECIFICATIONS

Power Requirements

Main Power: 120 Volts AC, 50-60Hz

Audio

Controls: Volume, Balance, Bass, Treble, Loudness, Mute, Mono, Input Compensation

Volume: Gain range-80dB to +20dB, 1 dB steps

Mute: -100dB (electronic), -120dB (relay)

Input Compensation: ±10dB

Bass Gain Range: ±12dB @ 100Hz, 2 dB steps

Treble Gain Range: ±12dB @ 10kHz, 2 dB steps

Frequency Response: 20Hz to 20kHz ±0.75dB

S/N Ratio: 98dB, 20Hz to 20kHz A-weighted

THD+N: 0.05%, 20Hz to 20kHz

Stereo Separation: >75dB

Connections

Sources: 1-6 (24) RCA female providing (6) unbalanced stereo line-level audio inputs with parallel loop-thrus; connect to outputs of source devices, with loop-thru to additional PAMPs

NET: 1-4 (6) 4-pin 3.5mm detachable terminal blocks; network ports, provide data and power to Prodigy keypads

NET Loop-Thru: (2) 4-pin 3.5mm detachable terminal block

Computer: (1) USB Type B female; USB 1.1 computer console port

Rooms 1–4: (4) 4-pin 5mm detachable terminal blocks, power amplifier outputs; wire size: 12 AWG maximum; output 50W per channel; 4 or 8 ohm impedance, outputs 1+2 and 3+4 bridgeable

Fuse: 3A SLO-BLO 250v

120V~50-60Hz: (1) IEC male; mates with removable power cord (included)

Button and LED Indicator

Standby: Pushbutton with green LED places audio in standby

Mute: Pushbutton with red LED mutes audio in selected room

Source: (6) Pushbuttons with green LEDs selects source to route

Room: (4) Pushbuttons with green LEDs and labeling strip selects room destination of source

Volume: 2-position up/down pushbutton adjusts volume of selected room

Environmental

Temperature: 41° to 122°F (5° to 50°C)

Humidity: 10% to 90% RH (non-condensing)

Dimensions

Height: 3.56 in (9.04 cm);3.47 (8.81 cm) without feet

Width: 17.03 in (43.26 cm)

Depth: 8.67 in (22.02 cm)

Weight

20.0 lbs (9.0 kg)

P-TSTATRF Prodigy™ Wireless Thermostat

The P-TSTATRF is a wireless thermostat that makes it easy to add networked climate control to any home. Mesh network technology of 802.15.4 affords reliable communications and temperature control without the need for additional wiring. Whether installed in retrofit or new construction, the P-TSTATRF provides a climate control solution and the benefits of intelligent control for any budget.

Control one room directly or multiple rooms through the PMC2. True 2-way feedback via touchpanel or handheld remote puts whole house control just a button push away. Features of the P-TSTATRF include separate heating and cooling setpoints. Variable anticipators prevent temperature overshoot for efficient control of baseboard, forced air, heat pump*, and dual-fuel heat pump* HVAC systems. Use stand-alone or as part of the Prodigy network.

Intelligent Control

Control your whole home climate.

- Direct 2-way feedback to processor from the remotes, touchpanels, Apple® iPhone® or iPod touch®
- Control of setpoints from thermostat or control interfaces
- Robust and reliable wireless connectivity using 802.15.4 mesh networking technology
- Works stand-alone or with enhanced operation when connected to processor
- For baseboard, forced air, and heat pump* HVAC systems

Quick Installation

Wireless integration means less time wiring.

- Prodigy Composer does not require code
- Mounts in a horizontally oriented standard 1-gang box
- No need to run additional wires
- Dynamic addressing

A Control Solution for Every Budget

Now whole home climate control is available in an economical package.

- Add one or multiple units (up to three per system) as needs and budget allow
- Prodigy P-TSTATRF provides reliable comfort for you and your family

* Heat pump systems require addition of an outdoor temperature sensor; contact your Crestron representative for additional design assistance.

SPECIFICATIONS

Wireless

RF Transceiver: 2-way RF, 2.4 GHz ISM Channels 11-26 (2400 to 2483. 6 MHz), IEEE 802.15.4 compliant

Range (typical): 150' indoor, 250' outdoor; Subject to site-specific conditions

RF Transmit Power: 10mW

Gateway: Requires a P-MNETGW Gateway/Transceiver

Connections

HVAC: (2) 4-position terminal blocks comprising the following:

RH: Reference Heat – Used for calls to heating system;

RC: Reference Cool – Used for calls to cooling system;

G: Fan – Energized to RC during call for fan;

Y: Compressor – Energized to RC when compressor is run;

C: 24V AC common terminal supplies remote power to thermostat;

W: Heat – Energized to RH during a call for heat in heat/cool systems or aux heat in heat pump systems;

O: Changeover control – Energized to RC during cooling modes;

B: Energized to RC during heating modes

Buttons

Mode: Cycles through available System Modes: OFF, HEAT, AUX HEAT ONLY (for heatpump or dual-fuel systems only) and COOL

Fan: Toggles fan setting between FAN AUTO and FAN ON

Raise: Raises the setpoint

Lower: Lowers the setpoint

Hold (combination): Pressing MODE and FAN buttons simultaneously enters/exits HOLD mode

Setup (combination): Holding the FAN button, then pressing the RAISE and LOWER buttons simultaneously for 5 seconds enters SETUP mode; pressing mode button advances to next setup parameter/function; pressing RAISE or LOWER adjusts value of current setup parameter or executes current setup function, pressing FAN button exits SETUP mode

Display

Type: Backlit LCD with (2) large 7-segment digits, (2) small 7-segment digits, (14) dedicated symbols; Displays ambient temperature, setpoint, system mode, fan setting, call activity, low battery, RF or control system communication errors, firmware download progress, setup parameter/function and value

Measurement Range

Ambient Temperature: -10° to 110°F (-23° to 43°C)

Display Limits: -9° to 99°F (-9° to 43°C)

Setpoint Range

Heat Setpoint: 38° to 89°F (3° to 32°C)

Cool Setpoint: 59° to 99°F (15° to 37°C), or 38° to 99°F (3° to 37°C) extended cool mode enabled

Relay Rating

1 Amp @ 40 Volts DC or 24 Volts AC (nominal)

Environmental

Temperature: -10° to 110°F (-23° to 43°C)

Humidity: 10% to 90% RH (non-condensing)

Power Requirements

24V: 0.24 Watts (10 mA) @ 24 Volts AC, supplied by heating or cooling system

Battery: (2) AA batteries required, estimated 1 year normal operation

Housing

Injection-molded plastic, surface-mountable to the front of a horizontally-oriented 1-gang electrical box

Dimensions

Height: 4.50 in (11.43 cm)

Width: 5.53 in (14.05 cm)

Depth: 1.03 in (2.60 cm)

Weight

6.7 oz (0.19 kg)

* Heat pump systems require addition of an outdoor temperature sensor; contact your Crestron representative for additional design assistance.

P-MNETGW Prodigy™ Wireless Home Automation Gateway

The Prodigy P-MNETGW is a 2-way gateway transceiver that provides communications for the complete line of Prodigy wireless devices with the PMC2 Prodigy Media Controller.

Wireless Communication

The P-MNETGW utilizes mesh network technology of 802.15.4, affording reliable communications and control without the need for additional wiring. Whether installed in retrofit or new construction, the P-MNETGW provides a low cost wireless solution, bringing the benefits of automated control to any budget.

Easy Setup

Setup of the P-MNETGW is simple, using dynamic discovery to acquire each RF device automatically.

- Dynamic discovery for fast, easy setup of keypads and thermostats
- Wi-Fi friendly channel assignment
- Up to 150' range indoors

Connector

NET: (1) 3.5mm detachable terminal block; Connects to control network

Wireless

RF Transceiver: 2-way RF, 2.4 GHz ISM channels 11-26 (2400 to 2483.6 MHz); Default channel 11, IEEE 802.15.4 compliant

RF Transmitting Power: 10 mW

Range (typical): 150' indoor, 250' outdoor, subject to site-specific conditions

LED Indicators

PWR: (Green) indicates DC power supplied from network

NET: (Amber) indicates communication with the system

RXD: (Red) indicates data is being received from wireless network devices

TXD: (Red) indicates data is being transmitted to wireless network devices

Controls

Acquire: (1) Recessed pushbutton with red LED; Used to configure the wireless network

Setup: (1) Recessed pushbutton with red LED; Used for touch-settable ID (TSID)

Power Requirements

Power Usage: 3 Watts (0.125 Amps @ 24 Volts DC)

Enclosure

Black metal, freestanding or surface mount

Environmental

Temperature: 32° to 104°F (0° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Dimensions

(Without antenna)

Height: 1.24 in (3.15 cm)

Width: 2.47 in (6.28 cm)

Depth: 3.88 in (9.85 cm)

Weight

8.3 oz (0.24 kg)

prodigy™ by Crestron

Crestron is the global standard in home automation. Installed in more homes worldwide than any other brand, Crestron brings years of experience and success to this latest line of home technology. Prodigy is a very simple and affordable entertainment and control solution, delivering the power, flexibility and reliability of Crestron to more people and more homes than ever before.

Now every house can be a Crestron home.

CRESTRON INTERNATIONAL OFFICES

Crestron International
Oude Keerbergsebaan 2
2820 Rijmenam
Belgium
Tel.: +32 (0) 15 50 99 50
info@crestron.eu
www.crestron.eu

Crestron Benelux
Oude Keerbergsebaan 2
2820 Rijmenam
Belgium
Tel.: +32 (0) 15 50 40 70
benelux@crestron.eu

Crestron UK
Head office:
Munro House
Portsmouth Road
Cobham
Surrey, KT11 1TF
United Kingdom
Tel.: +44 (0) 845 873 87 87
uk@crestron.eu

Office: North (Doncaster)
Tel.: +44 (0) 130 280 22 60

Office: Scotland
Tel.: +44 (0) 1506 497 888

Crestron Ireland
Office 104
Premier Business Center
Unit 3013, Lake Drive
Citywest Business Campus
Dublin 24
Tel +353 (0) 1 4693 701
ireland@crestron.eu

Crestron Germany
Head office: South
Ringstrasse 1
89081 Ulm-Lehr
Germany
Tel.: +49 (0) 731 96 28 10
germany@crestron.eu
austria@crestron.eu

Office: North (Hamburg)
Tel.: +49 (0) 4144 23 39 534

Office: West (Köln)
Tel.: +49 (0) 2065 70 29 71

Office: Middle (Kassel)
Tel.: +49 (0) 36071 9 04 64

Office: Berlin
Tel.: +49 (0) 30 34 35 85 66

Office: Hannover
Tel: +49 (0) 5132 821 86 76

Crestron Middle East
Head office:
Business Central Towers
Office 1802-03-04
P.O. Box 502494
Dubai,
United Arab Emirates
Tel.: +971 (0) 4 434 53 10
middle-east@crestron.eu

Office: Saudi Arabia
Tel.: +966 (0) 50 279 46 65

prodigy™

Crestron Iberica
Head office:
Polígono Industrial
C/ Francisco Moreno Lomeña, 7 Oficina 3
29670 San Pedro de Alcántara (Malaga)
Spain
Tel.: +34 (0) 952 927 868
spain@crestron.eu
portugal@crestron.eu

Office: Centre (Madrid)
+34 (0) 91 741 84 15

Office: North-East (Barcelona)
+34 (0) 660 501 636

Office: East (Mallorca)
+34 (0) 971 73 81 26

Crestron Italia
Head office:
Via Vicenza 2, ang. via Verona 16
20063 Cernusco sul Naviglio (Milano)
Italy
Tel : +39 (0) 02 92 14 81 85
italia@crestron.eu

Office: South (Rome)
Tel.: +39 (0) 06 96 52 64 52

Office: North/East
Tel.:+39 (0) 335 683 21 85

Office: Centre
Tel.:+39 (0) 335 709 74 86

Crestron France
Head office:
31 rue des Hautes Pâtures
92000 Nanterre
France
Tel.: +33 (0) 1 47 91 00 00
france@crestron.eu

Office: South (Avignon)
Tel.: +33 (0) 6 84 23 96 97

Office: West (Rennes)
Tel.: +33 (0) 6 63 69 09 11

Office: East (Strasbourg)
Tel.: +33 (0) 6 19 31 46 57

Crestron Russia
Kolodezniy pereulok, 3,
bld. 25, office 5309
Moscow
Russia
Tel.: +7 (495) 363 63 92
russia@crestron.eu

www.crestron.eu/prodigy

Crestron World Headquarters
15 Volvo Drive Rockleigh, NJ 07647, USA

BRUSSELS	WASHINGTON DC	ATLANTA	ORLANDO	FORT LAUDERDALE	CHICAGO
DALLAS	SAN FRANCISCO	LOS ANGELES	TORONTO	VANCOUVER	MEXICO CITY
SAO PAULO	BARCELONA	MARBELLA	LONDON	PARIS	NEW YORK
MUNICH	MILAN	DUBAI	BANGALORE	BEIJING	GUANGZHOU
SHANGHAI	HONG KONG	KUALA LUMPUR	SINGAPORE	TOKYO	SYDNEY

CRESTRON

Products manufactured in the United States.

All brand names, product names and trademarks are the property of their respective owners.
©2009 Crestron Electronics, Inc.
Printed in Belgium /09

BR - PRODIGY - PACK